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THE EXPERIENCE OF FLUOROCONTAINING DRUGS FOR TREATING DENTAL HYPERESTHESIA.

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Introduction. Problem of eliminating of tooth sensitivity remains actual in dentistry in view of the increasing of periodontal disease and carious lesions. Despite the different directions of views on their causes - degenerative processes, disturbance of mineral metabolism, chemical, mechanical, neuro-endocrine and other changes - these diseases are communicated by a common clinical sign- hypersensitivity of hard tissues of the tooth. Eliminating of hypersensitivity symptom is an extremely important component in the complex treatment of patients. T..

The purpose of research was to evaluate the efficacy «Ftoroplen» (PP "Latus") and "Belak-F» (JSC SEZ "VladMiVa" Russia) for the treatment of hypersensitivity of different etiology.

Material and methods. 22 patients 35-44 years with hyperesthesia were examined and treated, 7 patients had exposed necks and roots of teeth with periodontal disease , 5 patients had wedge-shaped defects , 4 patients had enamel erosion -and 6 patients had a combination of lesions. All patients were divided into two groups, equivalent to the number of examined persons, diagnosis, number of teeth with hyperesthesia. The first group consisted of 12 patients which were diagnosed four cases of wedge-shaped defects, 3 cases of enamel erosion, 6 cases of exposure necks and roots of teeth, 5 cases of combined lesions accompanied by hyperesthesia of hard tissues. The second group included 10 patients who were identified by 4 cases of wedge-shaped defects, 3 cases of enamel erosion, 7 cases of exposure necks and roots of teeth, 6 cases of combined lesions. All the patients were conducted with oral hygiene, professional hygiene fluoride free toothpastes, recommended on the choice of oral hygiene for use at home. Index by Y.A.Fedorova, G.B. Shtorinov (1988) were used for evaluation of oral hygiene. The first group of patients were treated with varnish «Ftoroplen», containing in its composition, as active ingredients as sodium fluoride and calcium fluoride. The drug was applied three times, once a day with intervals for 3-4 days. Patients of the second group were treated by varnish "Belak-F» with active substance potassium fluoride. Treatment was 3 applications daily with interval for 3 days.

Results. Results of the research immediately after the therapy showed that drugs «Ftoroplen» and «Belak-F» provide analgesic effect in all clinical cases. Effectiveness of lacquer «Ftoroplen» is more pronounced in cases of exposure of the necks of the teeth and roots in the pathology of periodontal tissues, as well as in combined lesions. Patients of the first group had a positive result as disappearance of pain sensitivity in 72.7% of cases of the 11 identified cases of hypersensitivity , while using the drug "Belak-F» in similar clinical cases showed the positive result in 61,1% of cases in the second group. In cases of wedge- shaped defects and enamel erosion the drug "Belak-F» was effective in 71.4% of patients in the second group compared with 62,5% of the patients of, the first group after using the lacquer «Ftoroplen». In other clinical situations the positive dynamics was registered in the disappearance of hypersensitivity. Negative results were not found.

Conclusions. That's why lacquers «Ftoroplen» and «Belak-F» can be used like the drug of choice in the treatment in various clinical situations.